

AMENDMENTS TO THE CLAIMS

1-6. (Canceled)

7. (Currently Amended) A regulatable aptazyme oligonucleotide comprising a Group I intron oligonucleotide and an aptamer oligonucleotide, wherein the kinetic parameters of the Group I intron oligonucleotide vary in response to the interaction of an allosteric effector molecule with the aptamer oligonucleotide and wherein the aptazyme comprises the oligonucleotide sequence of SEQ ID NO: 2: GCC TGA GTA TAA GGT GAC TTA TAC TTG TAA TCT ATC TAA ACG GGG AAC CTC TCT AGT AGA CAA TCC CGT GCT AAA TTA TAC CAG CAT CGT CTT GAT GCC CTT GGC AGA TAA ATG CCT AAC GAC TAT CCC TT or an oligonucleotide sequence that hybridizes under stringent conditions to a hybridization probe, the nucleotide sequence of which comprises the sequence of SEQ ID NO: 2, or an oligonucleotide that is complementary or antisense to such a probe.

8 – 20. (Canceled)

21. (Currently Amended) An allosterically regulatable aptazyme oligonucleotide comprising a Group I intron oligonucleotide and an aptamer oligonucleotide, wherein the kinetic parameters of the Group I intron oligonucleotide vary in response to the interaction of an allosteric effector molecule with the aptamer oligonucleotide and wherein said aptazyme comprises the oligonucleotide sequence of SEQ ID NO: 2: GCC TGA GTA TAA GGT GAC TTA TAC TTG TAA TCT ATC TAA ACG GGG AAC CTC TCT AGT AGA CAA TCC CGT GCT AAA TTA TAC CAG CAT CGT CTT GAT GCC CTT GGC AGA TAA ATG CCT AAC GAC TAT CCC TT or an oligonucleotide sequence that hybridizes under stringent conditions to a hybridization probe, the nucleotide sequence of which comprises the sequence of SEQ ID NO: 2, or an oligonucleotide that is complementary or antisense to such a probe.

22-28. (Canceled)